



# PUBLIC HEALTH BULLETIN

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## **South Dakota targets influenza with free vaccine for children and teens**

Beginning with the 2007-2008 season, the South Dakota Department of Health will offer free influenza vaccine for South Dakotans aged 6 months through 18 years. South Dakota is the first state in the nation to offer free influenza influenza vaccine to all children.

During South Dakota's 2006-2007 influenza season, 70% of influenza cases were 0 to 19 years of age while 43% of influenza-related hospitalizations were 0 to 10 years old.

The intent of the South Dakota childhood vaccination program is to protect infants and young children from the complications of influenza and to reduce the spread of the

illness within schools and communities.

The child influenza immunization program is voluntary and will be an ongoing effort. The Department of Health purchased the vaccine and will supply it to local clinics in the same way it does other childhood vaccines such as measles and diphtheria. Providers can find out about ordering the vaccine by contacting the department's immunization program at 605-773-4963. As with all state-supplied vaccines, providers may charge an administration fee but should not deny the vaccine to those families who are unable to pay.

### **Target Groups for Influenza Vaccination (Advisory Committee on Immunization Practices Recommendations)**

- Persons at high risk for influenza-related complications and severe disease, including
  - children aged 6-59 months;
  - pregnant women;
  - persons aged >50 years; and
  - persons of any age with certain chronic medical conditions.
- Persons who live with or care for those at high risk, including
  - household contacts who have frequent contact with persons at high risk and who can transmit influenza to those persons at high risk; and
  - health-care workers.

The Immunization Program reminds providers of the following concerning flu vaccination of children:

- Children younger than 9 years of age need to receive 2 doses of influenza vaccine if being vaccinated for the first time;
- Children 6 months through 8 years of age who received only 1 dose of influenza vaccine in the first year they were vaccinated need to receive 2 doses of vaccine the second year they are vaccinated;
- If two doses of vaccine are given, they need to be separated by at least 4 weeks. If inhaled vaccine (FluMist®) is given, the two doses

need to be separated by at least 6 weeks.

Providers are encouraged to enter all child influenza vaccinations into the state's immunization registry to help evaluate the program.

For more information influenza prevention, see the web at <http://flu.sd.gov>.

Vaccine providers can direct questions about the influenza vaccine campaign for children to the department's Immunization Program Coordinator, Tim Heath at 605-773-5323 or email at [Tim.Health@state.sd.us](mailto:Tim.Health@state.sd.us).

## **Health Department Expands Tobacco QuitLine**

*By Derrick Haskins, Tobacco Control Program Coordinator*

South Dakotans who need help kicking the tobacco habit can now get free cessation medications and coaching from the Department of Health's tobacco QuitLine. QuitLine users previously paid half the cost of cessation aids. The QuitLine is also expanding the number of times tobacco users can receive services – up to three times.

“Quitting smoking is one of the healthiest lifestyle changes a person can make, but it's also one of the most difficult,” said Doneen Hollingsworth, secretary of the South Dakota Department of Health. “Research has shown it usually takes several quit attempts for people to quit for good. By offering these expanded services, we are able to help people try again while providing support to remain tobacco-free.”

In addition to coaching services, the QuitLine offers participants a choice of **free** NRT patch, or gum, or prescription medication. South Dakotans can sign-up by calling toll-free, 1-866-SD QUIT (1-866-737-8487).

Since its inception in 2002, over 30,000 South Dakotans have used the QuitLine's services. According to preliminary data for calendar year 2006, the fifth year of operation, the statewide QuitLine demonstrated a 25% quit rate. This represents quit status 12 months after quitting, for respondents reached at follow-up. In comparison, only about 5% of people who try to quit on their own are still abstinent a year later.

Healthcare professionals play a vital role in the QuitLine's success by encouraging patients to quit tobacco and by referring them to the QuitLine's services. **As a healthcare professional, here's what you need to know:**

- Those who have previously used the QuitLine (QL) but have relapsed may now use the line up to a total of three times in their lifetime. Repeat service is available 3 months after the last date of service from the QL.
- QL participants have a choice of one of the following: up to 8 weeks of patch or gum, or up to 12 weeks of Zyban **FREE**.
- Relapsed QuitLine participants who have used Zyban that was provided by the SDQL during a previous cycle of SDQL service may be eligible for free Chantix.

**Procedure for prescribing medication for those *participating in QuitLine coaching*:**

- **Zyban (up to 3 months):** Program participants must meet the following requirements:
  1. The individual's healthcare provider determines Zyban is safe and appropriate for the individual
  2. A QL prescription form is completed by the prescribing provider and faxed to the number on the form.
  3. The patient **must call** the QL, be enrolled in the program, and actively participate in coaching.
  4. Pharmacy staff will confirm participation and eligibility with QL staff and send medication.
- **Chantix (up to 3 months):** Program participants who have used Zyban in a previous cycle of QL service must meet the following requirements:
  1. The individual's healthcare provider determines Chantix is safe and appropriate for the individual
  2. A QL prescription form is completed by the prescribing provider and faxed to the number on the form.
  3. The patient **must call** the QL, be enrolled in the program, and actively participate in coaching.
  4. Pharmacy staff will confirm participation and eligibility with QL staff and send medication.

For more information about the QuitLine or to obtain prescription forms, contact Brandi Alford, Tobacco Cessation Coordinator at (605) 347-4467 ext 226. You may also order free tobacco control resources online <http://doh.sd.gov/catalog.aspx>.

**State's child immunization rate continues upward trend;  
clinics honored for their role**

With 86% of 24 to 35 month-olds appropriately immunized, South Dakota is drawing closer to the state's goal of a 90% childhood immunization rate. The Department of Health will hold an award luncheon September 26 in Pierre to honor several South Dakota clinics that have helped achieve that rate.

The 86% immunization rate is according to the latest assessment of immunization coverage levels by the state's computerized South Dakota Immunization Information System (SDIIS). Age appropriate immunization for the 24 to 35 month-old age group is defined as four doses of

diphtheria/tetanus/pertussis vaccine, three doses of polio vaccine, one dose of measles/mumps/rubella vaccine, three doses of hepatitis B vaccine, and three doses of haemophilus influenzae B vaccine.

"Vaccine-preventable diseases like pertussis and diphtheria are particularly dangerous for infants and preschoolers. That's why it's so important to maintain high immunization rates for the 24-35 month olds," said Bonnie Jameson, Disease Prevention Administrator for the Department of Health. "We know that clinics across South Dakota are working hard to reach these kids with lifesaving vaccinations and we're pleased to recognize them and the great job they're doing." Jameson said participation in SDIIS is an effective tool for helping clinics achieve and maintain high immunization levels. The system lets the department track immunization rates statewide, but it also lets local clinics check their own records and use the follow-up and reminder system to increase rates. Currently, 253 clinics statewide participate in SDIIS and the system includes 460,422 patient records with nearly 4,000,000 individual shots.

Individual clinics to be recognized at the awards luncheon are listed below.

#### **Golden Syringe Award**

(clinics that have maintained immunization rates of 90% or greater while serving 50 – 450+ children in the 24-35 month old category; \*denotes clinics receiving award consecutively)

Aberdeen – Aberdeen Family Physicians \*  
Aberdeen – United Clinic\*  
Brookings – Avera Brookings Medical Clinic \*  
Huron – Beadle County Community Health Services  
Huron – Family Medicine, Dr. Lowen  
Huron – Huron Clinic Pediatrics \*  
Madison – Interlakes Medical Clinic  
Mitchell – Mitchell Clinic  
Mitchell – Pediatrics Plus\*  
Pierre – Medical Associates Clinic \*  
Rapid City – Pennington County Community Health Services  
Sioux Falls – Sanford Clinic, 69th & Minnesota  
Spearfish – Spearfish Regional Medical Clinic  
Sioux Falls – Center for Family Medicine  
Sioux Falls – McGreevy Clinic Avera – West \*  
Sioux Falls – Sanford Clinic 26th & Sycamore  
Sisseton – Roberts County Community Health Services \*  
Vermillion – Sanford Clinic  
Wanblee – Wanblee Indian Health Service  
Yankton – Yankton Medical Clinic

#### **Silver Syringe Award**

(clinics serving more than 630 children, showing outstanding improvement in immunization rates for children in the 24-35 month category)

Sioux Falls – McGreevy Clinic Avera, Main

#### **I Make a Difference Award**

(clinics showing outstanding commitment in entering immunization records into the SD Immunization Information System)

Ronald McDonald Care Mobile  
Rosebud Indian Health Service

#### **Consistently Maintaining Immunization Rates Award**

(served fewer than 50 children in the 24-35 month category, maintained rates of 90%)

**Private Medical Clinics**

Aberdeen – South Dakota Urban Indian Health  
Belle Fourche – Belle Fourche Regional Medical Clinic  
Beresford – Sanford Clinic Family Medicine  
Brandon – McGreevey Clinic Avera  
Burke – Burke Medical Clinic  
Canton – Canton Family Physicians  
Clark – Sanford Clinic  
Deadwood/Lead – Lead/Deadwood Regional Medical Clinic  
DeSmet – Bell Medical Clinic  
DeSmet – Jill Hoek Health Clinic  
Estelline – Sanford Clinic/Estelline  
Flandreau – Flandreau Clinic  
Freeman – Rural Medical Clinics  
Garretson – Split Rock Clinic  
Gettysburg – Community Care Clinic  
Gregory – Avera Gregory Medical Clinic  
Howard – Howard Clinic  
Kennebec – Sanford Clinic  
LakeAndes – Avera St. Benedict/CRHC  
LakeNorden – Sanford Clinic  
Martin – Bennett County Health Center  
Miller – Hand County Clinic  
Mitchell – Dakota Family Practice  
Menno – Menno Clinic  
Mobridge – Mobridge Medical Clinic  
Onida – Onida Clinic  
Parker – Parker Clinic  
Parkston – Avera St. Benedict's  
Phillip – Phillip Health Services  
Plankinton – Aurora County Clinic  
Platte – Platte Medical Clinic  
Pierre – Sanford Clinic/Dakota Plains  
Presho – Stanley Jones Memorial Clinic  
Rapid City – Rapid City Regional Hospital Family Medicine Residency Clinic  
Redfield – Redfield Clinic  
Salem – Avera Salem Family Medical Clinic  
Salem – McGreevey Clinic Avera  
Sioux Falls – Avera McKennan Health Care Clinic  
Sioux Falls – McGreevey Clinic Avera, Southeast  
Sioux Falls – Sanford Clinic Family Medicine MB1  
Sioux Falls – South Dakota Urban Indian Health  
Sioux Falls – University Physicians Clinic  
TimberLake – West Dakota Health Center  
Tyndall – Bon Homme Family Practice Clinic  
Vermillion – Olson Medical Clinic  
Wagner – Bubak Medical Clinic  
Wall – Wall Clinic  
Waubay – Avera Waubay Clinic  
Webster – Lake Area Family Health  
White – White Family Practice  
White River – Mellette County Clinic

**Public Health Providers**

Aberdeen – Brown County Community Health Services  
Alexandria – Hanson County Community Health Services  
Armour – Douglas County Community Health Services  
Belle Fourche – Butte County Community Health Services  
Bowdle – Edmunds County Public Health Services  
Britton – Marshall County Community Health Services

Brookings – Brookings County Community Health Services  
Burke – Gregory County Community Health Services  
Clark – Clark County Community Health Services  
Dupree – Ziebach County Community Health Services  
Eureka – McPherson County Public Health Services  
Faith – Meade County Community Health Services  
Flandreau – Moody County Public Health Services  
Freeman – Hutchinson County Public Health Services  
Gettysburg – Potter County Community Health Services  
Hill City – Hill City County Community Health Services  
Hot Springs – Fall River County Community Health Services  
Howard – Miner County Community Health Services  
Isabel – Dewey County Community Health Services  
Kennebec – Lyman County Community Health Services  
Lake Andes – Charles Mix County Community Health Services  
Lemmon – Perkins County Community Health Services  
Madison – Lake County Community Health Services  
Milbank – Grant County Community Health Services  
Mitchell – Davison County Community Health Services  
Mobridge – Walworth County Community Health Services  
Plankinton – Aurora County Community Health Services  
Platte – Charles Mix County Community Health Services  
Redfield – Spink County Community Health Services  
Salem – McCook County Community Health Services  
Sturgis – Meade County Community Health Services  
Timber Lake – Dewey County Community Health Services  
Tyndall – Bon Homme County Community Health Services  
Vermillion – Clay County Community Health Services  
Watertown – Codington County Community Health Services  
Webster – Day County Community Health Services  
Wessington Springs – Jerauld County Community Health Services  
Winner – Tripp County Public Health Services  
Yankton – Yankton County Community Health Services

South Dakota Department of Health - Infectious Disease Surveillance				
Selected Morbidity Report, 1 January – 31 August 2007 (provisional)				
	Disease	2007 year-to-date	5-year median	Percent change
<b>Vaccine-Preventable Diseases</b>	Diphtheria	0	0	na
	Tetanus	0	0	na
	Pertussis	43	18	+139%
	Poliomyelitis	0	0	na
	Measles	0	0	na
	Mumps	4	0	na
	Rubella	0	0	na
	<i>Haemophilus influenza</i> type b	0	0	na
<b>Sexually Transmitted Infections and Blood-borne Diseases</b>	HIV infection	15	16	-6%
	Hepatitis B, acute	4	3	+33%
	Chlamydia	1,723	1,686	+2%
	Gonorrhea	174	175	-1%
	Syphilis, early	10	1	+900%
	Tuberculosis	7	10	-30%
<b>Invasive Bacterial Diseases</b>	<i>Neisseria meningitidis</i>	3	2	+50%
	Invasive Group A <i>Streptococcus</i>	7	12	-50%
<b>Enteric Diseases</b>	<i>E. coli</i> , shiga-toxin producing	22	27	-19%
	Campylobacteriosis	154	177	-13%
	Salmonellosis	102	80	+28%
	Shigellosis	107	28	+282%
	Giardiasis	43	56	-23%
	Cryptosporidiosis	103	25	+312%
	Hepatitis A	5	2	+150%
<b>Vector-borne Diseases</b>	Animal Rabies	15	69	-78%
	Tularemia	7	4	+75%
	Rocky Mountain Spotted Fever	3	4	-25%
	Malaria (imported)	1	1	0%
	Hantavirus Pulmonary Syndrome	0	0	0%
	Lyme disease	0	1	-100%
	West Nile Virus disease	129	97	+33%
<b>Other Diseases</b>	<i>Streptococcus pneumoniae</i> , drug-resistant	10	1	900%
	Legionellosis	3	3	0%
	Additionally, the following diseases were reported: Chickenpox (58); Dengue fever (3); Group B <i>Strep</i> , Invasive. (11); Hepatitis B, chronic (18); Hepatitis C, chronic (114); Listeria (1); MRSA, invasive (51), Q fever (1).			

Communicable diseases are obligatorily reportable by physicians, hospitals, laboratories, and institutions.

The **Reportable Diseases List** is found at [www.state.sd.us/doh/Disease/report.htm](http://www.state.sd.us/doh/Disease/report.htm) or upon request.

Diseases are reportable by telephone, mail, fax, website or courier.

**Telephones:** 24 hour answering device 1-800-592-1804; for a live person at any time call 1-800-592-1861; after hours emergency 605-280-4810. **Fax** 605-773-5509.

**Mail** in a sealed envelope addressed to the DOH, Office of Disease Prevention, 615 E. 4th Street, Pierre, SD 57501, marked "Confidential Medical Report". **Secure website:** [www.state.sd.us/doh/diseasereport.htm](http://www.state.sd.us/doh/diseasereport.htm).

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